

ABSTRACT

5 A process for obtaining electrolytic manganese from the treated sludge of the exhaust
gases of ferroalloy production furnaces for any other industrial waste having
magnesium in general, with a significant manganese content, by means of a process
consisting of the following phases: sulphation, lixiviation, purification, conditioning
and electrolysis, and whereby a manganese sulphate liquor is obtained that is suitable
for the already known electrolysis process, which allows obtaining electrolytic
manganese.